



AIR COOLED, WATER COOLED AND PNEUMATIC AFTERCOOLERS



ATS AFTERCOOLERS

ATS Air Cooled, Water Cooled or Pneumatic Aftercoolers offer compact, high cooling efficiency and low pressure drop for water separation in compressed air.

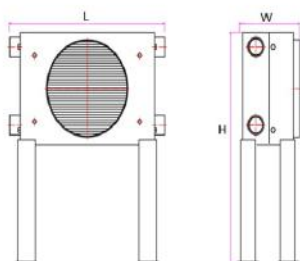
ATS Advantages:

- **Aluminum block cooling element (Air Cooled AC series), reliable and rust free.**
- **Copper heat exchange surfaces (Water Cooled & Pneumatic series) provide excellent heat transfer rate**
- **Counter-flow design with cyclone type separation for high heat exchange efficiency.**
- **Easy installation and minimum maintenance**



Air Cooled Aftercooler - AC Series

Model	Flow Rate			Power Supply	Power Cons.	Connection	Dimensions (mm)			Cooler Weight
	cfm	m3/h	l/min	(V/Ph/Hz)	W	IN/OUT (BSP)	L	W	H	kg
AC-45	45	76	1274	230/1/50	90	3/4"	390	165	786	9.4
AC-100	100	170	2832	230/1/50	120	1"	470	180	906	12
AC-160	160	272	4531	230/1/50	155	1"	545	213	960	16.9
AC-260	260	442	7363	230/1/50	205	1.5"	680	230	1191	46.8
AC-550	550	935	15575	230/1/50	950	2"	860	250	1484	55.8
AC-1000	1000	1699	28319	415/3/50	920	3"	990	315	1985	86.7
AC-1500	1500	2549	42478	415/3/50	1850	DN100	1404	609.5	2380	131.9
AC-1800	1800	3058	50973	415/3/50	1850	DN125	1534	639.5	2510	159.5
AC-2150	2150	3653	60885	415/3/50	2000	DN125	1639	609.5	2560	175.3



Reference Conditions:

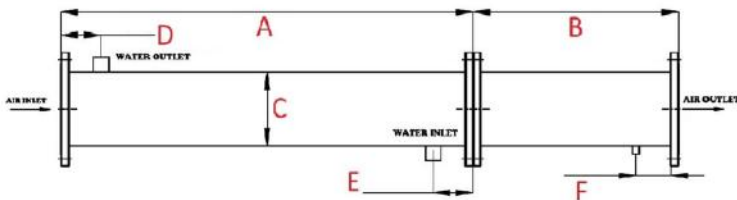
- Ambient Temperature : 35 °C
- Max Inlet Air Temperature : 120 °C
- Outlet Air Temperature : 9 °C higher that Ambient Temperature
- Working Pressure : 7 bar (Max. 16 bar)



Water Cooled Aftercoolers - ACW series



Model	Air Flow Rate			Water Flow Rate	Dimensions [mm]						Connection [Inlet / Outlet]		Weight [kg]					
	cfm	m ³ /h	l/min	m ³ /h	A	B	C	D	E	F	Air	Water						
AC-150W	530	900	15000	1.7	1300	644	108	100	100	100	DN 100	G 1"	49					
AC-210W	706	1200	21000	3.2									95					
AC-250W	883	1500	26000	4.0									115					
AC-300W	1059	1800	30000	5.0		648	159	100	100	100	DN 150	G 1 1/4"	145					
AC-400W	1413	2400	40000	6.0									160					
AC-500W	1766	3000	50000	9.5		219	125	125	100	100	DN 200	G 1 1/4"	210					
AC-800W	2825	4800	80000	13.5		658							273	100	100	DN 250	G 1 1/4"	330
AC-1100W	3885	6600	110000	15.0														360



Reference Conditions:

- Max Inlet Air Temperature : 120 °C
- Outlet Air Temperature : +10 °C higher that Water Temp.
- Working Pressure : 7 bar (Max. 16 bar)

Pneumatic After Cooler - PAC series

Compare with electric version, a pneumatic fan is used to prevent the possibility of electrical spark in an explosion proof environment.

A FRL is supplied to guarantee the greater reliability of the pneumatic fan.



Water Separator - WS series



ATS Water Separator WS series is installed with every Air Cooled & Pneumatic Aftercoolers to removed solid particules, water vapour and other polluting agents in the compressed air and discharged via a built-in autodrain.

